(No Model.)

J. H. BRONSON.

SAFETY PIN.

No. 556,001. Patented Mar. 10, 1896.

Fig 1.

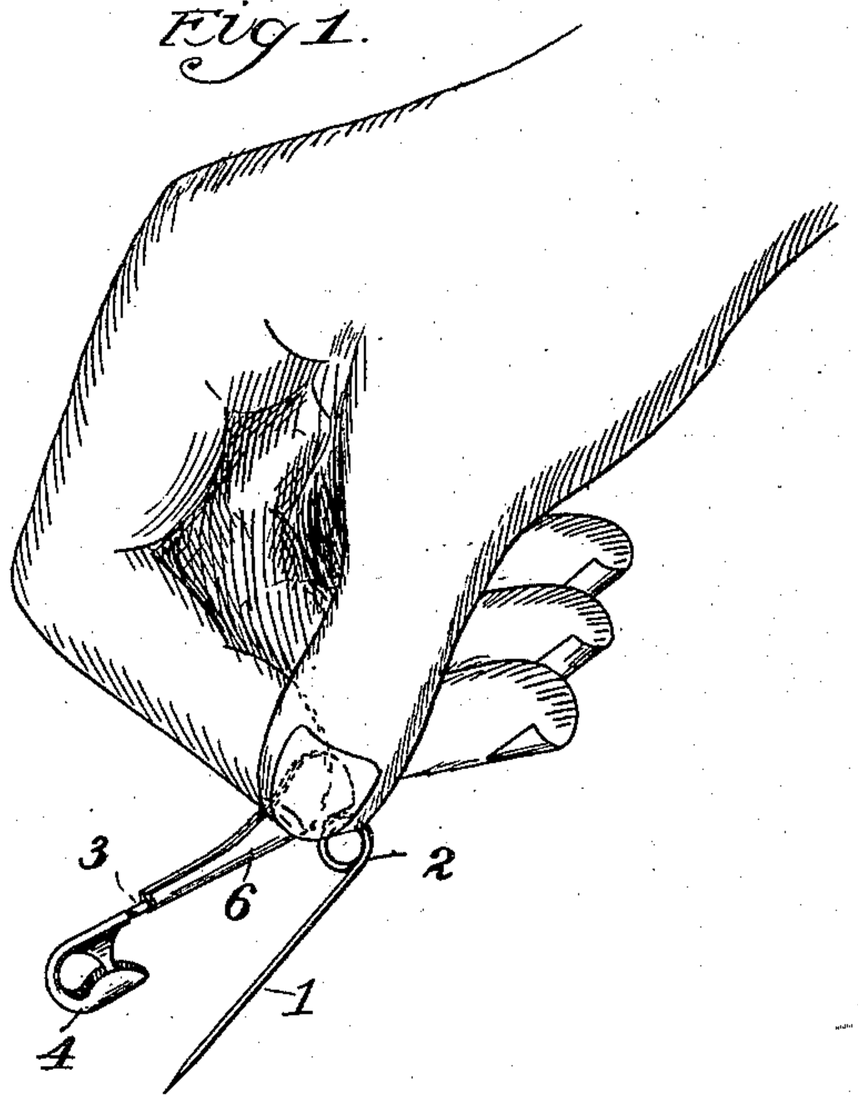


Fig. 2.

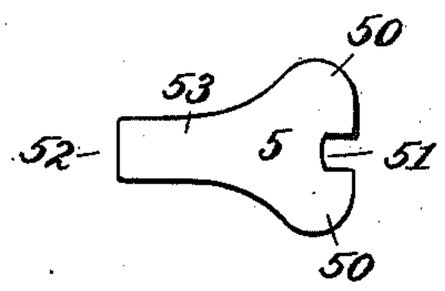
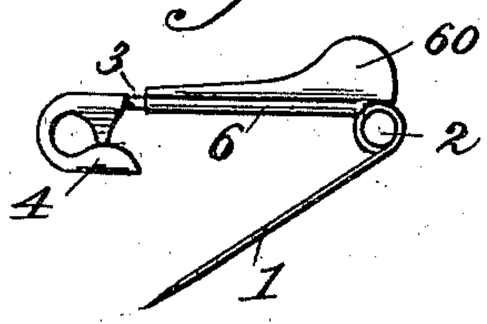


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JULIUS HOBART BRONSON, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE OAKVILLE COMPANY, OF SAME PLACE.

SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 556,001, dated March 10, 1896.

Application filed August 30, 1895. Serial No. 560,984. (No model.)

To all whom it may concern:

Be it known that I, JULIUS HOBART BRONSON, of Waterbury, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Safety-Pins, of which the following is a full, clear, and exact description, reference being made to the accompanying drawings, forming part of this specification.

This invention relates to improvements in safety-pins which are intended particularly for fastening bandages upon the person in the manner practiced by physicians and nurses; and the invention consists of a safety-pin comprising a finger-piece secured to the back of the pin and having substantially the form and relation to the other parts of the pin herein described and claimed.

On the accompanying sheet of drawings, Figure 1 shows the pin in perspective, held as if about to be inserted in a piece of cloth; Fig. 2, a plan of the blank from which the finger-piece is formed, and Fig. 3 a side view of the pin.

Similar reference-numerals designate like parts in the different views.

The object of this invention is to facilitate the application and removal of safety-pins to and from bandages especially, but also other pieces or articles of cloth which are drawn tightly over an object, so that the finger cannot be conveniently passed between the object and the overlapping parts of the cloth which are to be fastened together. The use of the common safety-pin under such circumstances is difficult for the reason that it is apt to turn in the fingers and to be bent out of its proper shape by the strain, and besides there is danger of thrusting the point of the pin into the flesh owing to lack of control over it; but a pin provided with the finger-piece herein described may be held firmly between the thumb and forefinger and readily inserted in and withdrawn from bandages or cloth in any form, since not only is the handling of the pin rendered convenient by the finger-piece, but the pin is stiffened by it and so made subject to better control, as well as more durable, than the common pin.

The safety-pin to which the finger-piece is to be attached is made the same as if it were intended for use without the finger-piece, being composed of a sharpened member 1, coil, 2, back 3 and shield 4. The finger-piece is preferably formed from a blank 5, of thin sheet-brass or other suitable material, the blank having the wings 50, the notch 51, and the narrow end 52, with the tapering part 53 between the wings and the narrow end, as shown in Fig. 2. This blank is converted into the finger-piece 6 by bending it lengthwise midway between its edges and clamping it to the back of the pin, as indicated in Fig. 3, the wings 50 being pressed close together, so that they form the broad part 60 of the finger-piece, and the part 53 being bent closely around the wire. The blank is so placed on the back of the pin that the edge of the coil 2 rests against the edge of the blank at the end of the notch 51, so that the part 60 of the finger-piece to be formed by the wings 50 shall project backward over the coil. This renders the finger-piece especially secure and fixes it in the most desirable position.

When the pin is to be inserted in or removed from a bandage, for example, the broad part 60 of the finger-piece 6 is grasped between the thumb and forefinger, as represented in Fig. 1, and the pin is then operated, particularly when it is being inserted in a bandage, much more easily and safely than an ordinary safety-pin.

It is obvious that an attachment in the form of the finger-piece 6 and embodying the main idea of this invention may be made and applied to a pin in other ways besides that above described, and it is not to be understood that this invention is limited to a device having exactly the structure of the particular finger-piece shown in the drawings.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A safety-pin provided with a thin flat finger-piece rigidly affixed to the back of the pin, and projecting outward therefrom, and being broadest adjacent to the coil, and there having the part 60 whereby the pin may be

firmly held by the thumb and forefinger closed on the part 60, substantially as described.

2. A safety-pin provided with a finger-piece 6, consisting of a flat blank 5 folded lengthwise, midway between its edges, and clamped to the back of the pin, the coil of the pin resting against the end of the notch 51, and the wings 50 being pressed close together above and adjacent to the coil, substantially as described.

JULIUS HOBART BRONSON.

In presence of—
A. A. STONE,
WALTER PLACE.